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### 1 Pitch adaptive windows for improved excitation coding in low-rate CELP coders

Rao, A.V.; Ahmadi, S.; Linden, J.; Gersho, A.; Cuperman, V.; Heidari, R.;  
 Speech and Audio Processing, IEEE Transactions on , Volume: 11 , Issue: 6 , Nov. 2003  
 Pages:648 - 659

[\[Abstract\]](#) [\[PDF Full-Text \(781 KB\)\]](#) IEEE JNL

### 2 Equal observation interval comparison of maximum entropy and weighted overlapped segment averaging spectrum estimation techniques

Dyson, T.; Rao, S.;  
 Acoustics, Speech, and Signal Processing [see also IEEE Transactions on Signal Processing], IEEE Transactions on , Volume: 29 , Issue: 4 , Aug 1981  
 Pages:919 - 922

<http://ieeexplore.ieee.org/search/searchresult.jsp?SortField=Score&SortOrder=desc&ResultCount=15&coll1=ieeejrns&coll2=ieejr...> 3/29/04

[\[Abstract\]](#) [\[PDF Full-Text \(504 KB\)\]](#) IEEE JNL

### 3 Group delay processing of radar signals

Raju, K.; Reddy, G.; Rao, V.;  
 Acoustics, Speech, and Signal Processing, IEEE International Conference on ICASSP '86. , Volume: 11 , Apr 1986  
 Pages:1933 - 1936

[\[Abstract\]](#) [\[PDF Full-Text \(192 KB\)\]](#) IEEE CNF

### 4 A novel approach to excitation coding in low-bit-rate high-quality CELP coders

Cuperman, V.; Gersho, A.; Linden, J.; Rao, A.; Tung-Chiang Yang; Ahmadi, S.;  
 Heidari, R.; Fenghua Liu;  
 Speech Coding, 2000. Proceedings. 2000 IEEE Workshop on , 17-20 Sept. 2000  
 Pages:14 - 16

[\[Abstract\]](#) [\[PDF Full-Text \(312 KB\)\]](#) IEEE CNF

### 5 Multirate vector quantization of image pyramids

Rao, R.P.; Pearlman, W.A.;  
 Acoustics, Speech, and Signal Processing, 1991. ICASSP-91., 1991 International Conference on , 14-17 April 1991  
 Pages:2657 - 2660 vol.4

[\[Abstract\]](#) [\[PDF Full-Text \(552 KB\)\]](#) IEEE CNF

### 6 Effect of spatial smoothing on the performance of noise subspace methods

Rao, B.D.; Hari, K.V.S.;  
 Acoustics, Speech, and Signal Processing, 1990. ICASSP-90., 1990 International Conference on , 3-6 April 1990  
 Pages:2687 - 2690 vol.5

[\[Abstract\]](#) [\[PDF Full-Text \(276 KB\)\]](#) IEEE CNF

No.	Publication No.	Title
1.	<u>2003 - 280664</u>	DEVICE AND METHOD FOR TIME STRETCHING OF MUSICAL WAVEFORM
2.	<u>2003 - 244647</u>	IMAGE RECORDING APPARATUS FOR MONITORING
3.	<u>2003 - 207675</u>	QUARTZ-BASED OPTICAL FIBER AND ITS MANUFACTURING METHOD
4.	<u>2003 - 183774</u>	STRIP FOR SHADOW MASK HAVING SATISFACTORY SHAPE AFTER BEING ETCHED
5.	<u>2003 - 078890</u>	DIGITAL BROADCAST TRANSMITTER, DIGITAL BROADCAST RECEIVER, DIGITAL BROADCAST TRANSMISSION METHOD, DIGITAL BROADCAST RECEPTION METHOD, AND PROGRAM
6.	<u>2003 - 069997</u>	MOVING PICTURE ENCODER
7.	<u>2003 - 021470</u>	SYSTEM AND METHOD FOR FEEDING MATERIAL
8.	<u>2002 - 278585</u>	NOISE-REMOVING DEVICE
9.	<u>2002 - 261850</u>	DEMULATOR OF ANGLE MODULATION SIGNAL
10.	<u>2002 - 219847</u>	PRINTER, METHOD OF INFORMING OF RESIDUAL AMOUNT OF PRINTING AGENT, AND PROGRAM
11.	<u>2002 - 044138</u>	NETWORK SYSTEM, CACHE SERVER, RELAY SERVER, ROUTER, CACHE SERVER CONTROL METHOD AND RECORDING MEDIUM
12.	<u>2001 - 297539</u>	DIGITAL SIGNAL REPRODUCING DEVICE
13.	<u>2001 - 233147</u>	BUMPER BEAM STRUCTURE
14.	<u>2001 - 157231</u>	VERTICAL DEFLECTION CIRCUIT FOR INSPECTING CRT
15.	<u>2001 - 086502</u>	IMAGE PROCESSOR
16.	<u>2001 - 047717</u>	RESIDUAL QUANTITY DETECTOR FOR INK RIBBON
17.	<u>2000 - 357368</u>	OPTICAL DISK RECORDING DEVICE
18.	<u>2000 - 307093</u>	METHOD OF MAXIMIZING SUBSTRATE USAGE
19.	<u>2000 - 156798</u>	GHOST ELIMINATING DEVICE
20.	<u>2000 - 031568</u>	POWER SUPPLY EQUIPMENT FOR PULSE LASER
21.	<u>11 - 296809(1999)</u>	THIN FILM MAGNETIC HEAD
22.	<u>11 - 095785(1999)</u>	VOICE SEGMENT DETECTION SYSTEM
23.	<u>11 - 084055(1999)</u>	REACTOR COOLING SYSTEM
24.	<u>11 - 069654(1999)</u>	SELF-POWER CONTROL AND ITS CONTROL METHOD
25.	<u>11 - 034990(1999)</u>	METHOD AND STRUCTURE FOR PROPELLING FLUID FLOATING VEHICLE AND REDUCING ITS DRAG
26.	<u>11 - 024445(1999)</u>	TRANSFER DEVICE
27.	<u>10 - 321927(1998)</u>	PIEZOELECTRIC TRANSFORMER
28.	<u>10 - 294132(1998)</u>	CAPACITY ESTIMATING METHOD FOR LEAD-ACID BATTERY
29.	<u>10 - 082841(1998)</u>	RESIDUAL CAPACITY ESTIMATING METHOD FOR BATTERY FOR ELECTRIC VEHICLE
30.	<u>09 - 327431(1997)</u>	DISHWASHER

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31.	<u>09 - 298473(1997)</u>	DATA TRANSMITTER
32.	<u>09 - 261198(1997)</u>	MULTIPLEXER
33.	<u>09 - 200056(1997)</u>	AUDIO SIGNAL CODING METHOD AND AUDIO SIGNAL CODER
34.	<u>09 - 199185(1997)</u>	TESTER FOR SECONDARY BATTERY
35.	<u>09 - 159703(1997)</u>	WAVEFORM-ANALYZING METHOD USING WAVEFORM OF OPTIONAL SECTION
36.	<u>09 - 079753(1997)</u>	TEMPERATURE CONTROL METHOD FOR HEATING FURNACE
37.	<u>08 - 333027(1996)</u>	DEVICE FOR SUPPORTING RESIDUAL PILE OF SHEETS TO BE PRINTED DURING AUTOMATIC PILE CHANGE AND METHOD FOR OPERATING THIS DEVICE
38.	<u>08 - 307812(1996)</u>	DIGITAL ELECTRONIC CAMERA AND METHOD FOR DISPLAYING REMAINING RECORDING MEDIUM CAPACITY
39.	<u>08 - 307279(1996)</u>	QUANTIZER AND QUANTIZING METHOD
40.	<u>08 - 302406(1996)</u>	METHOD AND DEVICE FOR JUDGING TIMING OF COMPLETION OF IRON TAPPING FROM TAP HOLE OF BLAST FURNACE
41.	<u>08 - 255311(1996)</u>	MAGNETIC HEAD DEVICE
42.	<u>08 - 248384(1996)</u>	LIQUID CRYSTAL DISPLAY DEVICE
43.	<u>08 - 234794(1996)</u>	IMPULSE DRIVING POINT EXTRACTING METHOD AND PITCH WAVEFORM EXTRACTING METHOD AND DEVICE THEREFOR
44.	<u>08 - 221098(1996)</u>	SPEECH CODING AND DECODING DEVICE
45.	<u>08 - 221080(1996)</u>	NOISE CONTROLLER
46.	<u>08 - 201356(1996)</u>	SONIC VELOCITY MEASURING METHOD FOR SOLID MATERIAL AND ULTRASONIC PROBE
47.	<u>08 - 129400(1996)</u>	VOICE CODING SYSTEM
48.	<u>08 - 050491(1996)</u>	ACTIVE SILENCER
49.	<u>07 - 261798(1995)</u>	VOICE ANALYZING AND SYNTHESIZING DEVICE
50.	<u>07 - 221765(1995)</u>	METHOD FOR GENERATING HISTOGRAM REPRESENTING ARRIVAL CELL NUMBER OF ATM EXCHANGE

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51.	<u>07 - 168578(1995)</u>	NOISE CONTROL DEVICE
52.	<u>06 - 348282(1994)</u>	SILENCER
53.	<u>06 - 311326(1994)</u>	RECORDER
54.	<u>06 - 196259(1994)</u>	CARBON ELECTRODE FOR WEATHER/LIGHT RESISTANCE TESTER
55.	<u>06 - 160511(1994)</u>	RADAR SIGNAL PROCESSOR
56.	<u>06 - 077834(1994)</u>	PITCH DETECTOR
57.	<u>05 - 340881(1993)</u>	METHOD FOR DISCRIMINATING DETERIORATED STATE OF REFRACTORY FOR REPAIR
58.	<u>05 - 338417(1993)</u>	TIRE TREAD
59.	<u>05 - 276050(1993)</u>	VOICE SOUND VARIABLE RATE TRANSMITTER
60.	<u>05 - 235647(1993)</u>	NOISE REDUCTION DEVICE
61.	<u>05 - 227644(1993)</u>	TRANSFORMER DIAGNOSING EQUIPMENT
62.	<u>05 - 203097(1993)</u>	INSULATING MATERIALS FOR PIPE ELBOWS AND ITS INPREMENTATION METHOD
63.	<u>05 - 139518(1993)</u>	SAFETY DEVICE FOR GRAIN TRANSFER LIFT
64.	<u>05 - 119088(1993)</u>	METHOD FOR PREDICTING WAVEFORM DATA FROM COMPOSITE SINE WAVE
65.	<u>05 - 079926(1993)</u>	RESIDUAL STRESS MEASURING METHOD FOR ALUMINUM NITRIDE SINTERED BODY
66.	<u>05 - 016359(1993)</u>	DRIVING METHOD FOR LIQUID JET RECORDING HEAD
67.	<u>04 - 330496(1992)</u>	MUSICAL SOUND SIGNAL PROCESSOR
68.	<u>04 - 324507(1992)</u>	METHOD FOR CONTROLLING ACCELERATION/DECELERATION OF DRIVE DEVICE AND ROBOT SYSTEM
69.	<u>04 - 311980(1992)</u>	DEVELOPMENT DEVICE
70.	<u>04 - 258037(1992)</u>	VOCODER
71.	<u>04 - 172926(1992)</u>	BATTERY CAPACITY INDICATING CIRCUIT
72.	<u>04 - 045506(1992)</u>	TRANSFORMER
73.	<u>04 - 004378(1992)</u>	FLOW REGULATING VALVE
74.	<u>03 - 289881(1991)</u>	DRIVE CIRCUIT FOR LIQUID CRYSTAL DISPLAY DEVICE
75.	<u>03 - 270061(1991)</u>	PLATE MATERIAL FOR ELECTRONIC AND ELECTRIC EQUIPMENT CONDUCTIVE PART FOR ULTRASONIC BONDING
76.	<u>03 - 216699(1991)</u>	SOUND SOURCE DATA GENERATING METHOD OF SOUND SYNTHESIZER
77.	<u>03 - 122704(1991)</u>	METHOD AND DEVICE FOR GENERATING ACCELERATION/ DECELERATION CURVE
78.	<u>03 - 120924(1991)</u>	MULTIPLEXER WITH IDLE LINE QUANTITY DISPLAY FUNCTION
79.	<u>03 - 120609(1991)</u>	MAGNETIC REPRODUCING DEVICE
80.	<u>03 - 092303(1991)</u>	INJECTION MOLDING OF CERAMIC
81.	<u>03 - 078800(1991)</u>	VOICE RULE SYNTHESIZING SYSTEM
82.	<u>02 - 151506(1990)</u>	PNEUMATIC RADIAL TIRE

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83.	<u>02 - 107471(1990)</u>	METHOD AND APPARATUS FOR DIRECT ACTING BODY AND PRINTER
84.	<u>01 - 217594(1989)</u>	MARKER
85.	<u>01 - 155762(1989)</u>	PICTURE COMMUNICATION EQUIPMENT
86.	<u>01 - 134400(1989)</u>	PITCH FREQUENCY CONTROL SYSTEM FOR RESIDUAL DRIVING TYPE VOICE SYNTHESIZER
87.	<u>64 - 078717(1989)</u>	MATERIAL FEEDING METHOD FOR CUTTING MACHINE
88.	<u>64 - 073087(1989)</u>	FORMATION OF METALLIC PATTERN
89.	<u>64 - 047170(1989)</u>	FACSIMILE EQUIPMENT
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91.	<u>64 - 000999(1989)</u>	PITCH POSITION EXTRACTING SYSTEM
92.	<u>63 - 286520(1988)</u>	HEAT TREATMENT OF HEAT TRANSFER PIPE OF HEAT EXCHANGER FOR NUCLEAR REACTOR
93.	<u>63 - 261925(1988)</u>	DECODER FOR ADAPTIVE PREDICTING CODE SIGNAL
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95.	<u>63 - 224532(1988)</u>	FM INTERFERENCE WAVE SUPPRESSING SYSTEM
96.	<u>63 - 198310(1988)</u>	NOISE FILTER
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98.	<u>63 - 142675(1988)</u>	SEMICONDUCTOR SWITCHING DEVICE
99.	<u>63 - 111739(1988)</u>	VOICE CODING TRANSMITTER
100.	<u>62 - 260362(1987)</u>	SOLID-STATE IMAGE PICKUP DEVICE

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No.	Publication No.	Title
101.	<u>62 - 247236(1987)</u>	FATIGUE AND RESIDUAL LIFE EVALUATION OF MECHANICAL PART
102.	<u>62 - 238622(1987)</u>	X-RAY EXPOSURE APPARATUS
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104.	<u>62 - 217869(1987)</u>	ULTRASONIC TORSIONAL CONNECTOR
105.	<u>62 - 210892(1987)</u>	PICKING-OUT METHOD FOR MOTOR
106.	<u>62 - 206990(1987)</u>	BAND COMPRESSING SYSTEM FOR COMPONENT VIDEO SIGNAL
107.	<u>62 - 196783(1987)</u>	CARD DEVICE
108.	<u>62 - 189833(1987)</u>	VOICE CODING AND DECODING DEVICE
109.	<u>62 - 075405(1987)</u>	POLARIZATION PLANE MAINTAINING OPTICAL FIBER
110.	<u>62 - 062281(1987)</u>	SEISMIC DETECTION/ALARM RECORDER
111.	<u>62 - 033662(1987)</u>	CONTROL SYSTEM OF MOTOR FOR PRINTER
112.	<u>61 - 244243(1986)</u>	ROTARY ELECTRIC MACHINE
113.	<u>61 - 233929(1986)</u>	METHOD FOR REPRODUCING NECK OF CATHODE-RAY TUBE
114.	<u>61 - 206361(1986)</u>	RESIDUAL IMAGE ERASING DEVICE FOR STORAGE FLUORESCENT SHEET
115.	<u>61 - 206350(1986)</u>	INTERFERENCE WAVE ELIMINATING DEVICE
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121.	<u>60 - 232860(1985)</u>	SURFACE POLISHING/FINISHING MACHINE FOR WIDE BAND STEEL
122.	<u>60 - 172847(1985)</u>	ADAPTIVE FORECAST CODING SYSTEM
123.	<u>60 - 172846(1985)</u>	CODER
124.	<u>60 - 172845(1985)</u>	CODER
125.	<u>60 - 157447(1985)</u>	RECORDING MATERIAL ROLL HAVING RESIDUAL AMOUNT INDEX AND RESIDUAL AMOUNT INDEX DETECTOR
126.	<u>60 - 109954(1985)</u>	AUTOMATIC PHASE CONTROL SYSTEM
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129.	<u>60 - 010821(1985)</u>	ADAPTIVE ECHO CANCELLOR
130.	<u>59 - 203967(1984)</u>	DETECTION SYSTEM FOR WIRE BREAKING OF UNGROUNDED SYSTEM DISTRIBUTION LINE
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133.	<u>59 - 105301(1984)</u>	FERRITE MAGNET
134.	<u>58 - 183546(1983)</u>	DEVICE FOR DISPLAYING RESIDUAL QUANTITY OF PAPER
135.	<u>58 - 055128(1983)</u>	METHOD AND APPARATUS FOR CONTINUOUS COLD ROLL FORMING OF CHANNEL STEEL
136.	<u>57 - 174764(1982)</u>	WORD CUTTING DEVICE
137.	<u>57 - 124630(1982)</u>	GAS SENSOR TYPE MICROWAVE HEATING APPARATUS
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139.	<u>57 - 097202(1982)</u>	VARIABLE ATTENUATOR
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141.	<u>56 - 096016(1981)</u>	PRODUCTION OF HOT ROLLED RAW SHEET MADE OF UNIDIRECTIONAL SILICON STEEL
142.	<u>56 - 089342(1981)</u>	SHEET STEEL FOR EASY-TO-OPEN CAP
143.	<u>55 - 082579(1980)</u>	SCRAMBLE, DISCRAMBLE SYSTEM IN VIDEO TRANSMISSION SYSTEM
144.	<u>54 - 100659(1979)</u>	HOT CATHODE

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11	1	((("6014622" "5781880" "6113653" "6188979" "6345248" "6243673" "6115687" "6262943" "5778334" "5307460" "5657419" "5799271" "6003004" "6003001" "6104994" "6205423" "6330531" "6377923" "6397176" "6397178" "6449590" "5802109" "4850022" "5913187" "6052659" "4301329" "4477925" "4593398" "5648989" "4540468" "4544919" "4561102" "4811398" "5206884" "5550859" "5621852" "5699483" "5742733" "5774856" "5797119" "5812966" "5909515" "5911012" "5999899" "6009387" "6028541" "6041302" "6043763" "6094628" "6118392").pn. ) ((US-5704003-\$).did. or (EP-764940-\$ or US-6330533-\$).did.)) and (@ad @pd @prad)<=20010629 (US-6449590-\$ or US-6345248-\$ or US-6262943-\$ or US-6113653-\$ or US-6014622-\$ or US-5781880-\$ or US-5648989-\$ or US-4561102-\$ or US-5704003-\$ or US-6363338-\$ or US-4382160-\$ or US-3916105-\$ or US-5886276-\$ or US-5822360-\$ or US-RE35057-\$ or US-5140638-\$ or US-4991214-\$ or US-4932061-\$).did. or (US-6330533-\$ or EP-764940-\$).did.)) and ( (linear\$4 with continuous\$4 with warp\$4 with contour ) same lag same residual )	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/29 08:41
12	16	((("6014622" "5781880" "6113653" "6188979" "6345248" "6243673" "6115687" "6262943" "5778334" "5307460" "5657419" "5799271" "6003004" "6003001" "6104994" "6205423" "6330531" "6377923" "6397176" "6397178" "6449590" "5802109" "4850022" "5913187" "6052659" "4301329" "4477925" "4593398" "5648989" "4540468" "4544919" "4561102" "4811398" "5206884" "5550859" "5621852" "5699483" "5742733" "5774856" "5797119" "5812966" "5909515" "5911012" "5999899" "6009387" "6028541" "6041302" "6043763" "6094628" "6118392").pn. ) ((US-5704003-\$).did. or (EP-764940-\$ or US-6330533-\$).did.)) and (@ad @pd @prad)<=20010629 (US-6449590-\$ or US-6345248-\$ or US-6262943-\$ or US-6113653-\$ or US-6014622-\$ or US-5781880-\$ or US-5648989-\$ or US-4561102-\$ or US-5704003-\$ or US-6363338-\$ or US-4382160-\$ or US-3916105-\$ or US-5886276-\$ or US-5822360-\$ or US-RE35057-\$ or US-5140638-\$ or US-4991214-\$ or US-4932061-\$).did. or (US-6330533-\$ or EP-764940-\$).did.)) and (LP\$4 or CELP or RCELP or linear adj predict\$4) and inver\$6 with synthe\$6 with filter\$4	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/29 09:47
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14	1	((("6014622" "5781880" "6113653" "6188979" "6345248" "6243673" "6115687" "6262943" "5778334" "5307460" "5657419" "5799271" "6003004" "6003001" "6104994" "6205423" "6330531" "6377923" "6397176" "6397178" "6449590" "5802109" "4850022" "5913187" "6052659" "4301329" "4477925" "4593398" "5648989" "4540468" "4544919" "4561102" "4811398" "5206884" "5550859" "5621852" "5699483" "5742733" "5774856" "5797119" "5812966" "5909515" "5911012" "5999899" "6009387" "6028541" "6041302" "6043763" "6094628" "6118392").pn. ) ((US-5704003-\$).did. or (EP-764940-\$ or US-6330533-\$).did.)) and (@ad @pd @prad)<=20010629 (US-6449590-\$ or US-6345248-\$ or US-6262943-\$ or US-6113653-\$ or US-6014622-\$ or US-5781880-\$ or US-5648989-\$ or US-4561102-\$ or US-5704003-\$ or US-6363338-\$ or US-4382160-\$ or US-3916105-\$ or US-5886276-\$ or US-5822360-\$ or US-RE35057-\$ or US-5140638-\$ or US-4991214-\$ or US-4932061-\$).did. or (US-6330533-\$ or EP-764940-\$).did.)) and (LP\$4 or CELP or RCELP or linear adj predict\$4) and inver\$6 with synthe\$6 with filter\$4) and time adj warp\$4	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/29 10:06

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-	0	(((((("6014622" "5781880" "6113653" "6188979" "6345248" "6243673" "6115687" "6262943" "5778334" "5307460" "5657419" "5799271" "6003004" "6003001" "6104994" "6205423" "6330531" "6377923" "6397176" "6397178" "6449590" "5802109" "4850022" "5913187" "6052659" "4301329" "4477925" "4593398" "5648989" "4540468" "4544919" "4561102" "4811398" "5206884" "5550859" "5621852" "5699483" "5742733" "5774856" "5797119" "5812966" "5909515" "5911012" "5999899" "6009387" "6028541" "6041302" "6043763" "6094628" "6118392").pn. ) ((US-5704003-\$).did. or (EP-764940-\$ or US-6330533-\$).did.)) and (@ad @pd @prad)<=20010629) and (irregular\$4 with spac\$4 with dominant with peak\$4)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/27 07:38
-	0	(((((("6014622" "5781880" "6113653" "6188979" "6345248" "6243673" "6115687" "6262943" "5778334" "5307460" "5657419" "5799271" "6003004" "6003001" "6104994" "6205423" "6330531" "6377923" "6397176" "6397178" "6449590" "5802109" "4850022" "5913187" "6052659" "4301329" "4477925" "4593398" "5648989" "4540468" "4544919" "4561102" "4811398" "5206884" "5550859" "5621852" "5699483" "5742733" "5774856" "5797119" "5812966" "5909515" "5911012" "5999899" "6009387" "6028541" "6041302" "6043763" "6094628" "6118392").pn. ) ((US-5704003-\$).did. or (EP-764940-\$ or US-6330533-\$).did.)) and (@ad @pd @prad)<=20010629) and (irregular\$4 with dominant with peak\$4)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/27 07:38
-	0	(((((("6014622" "5781880" "6113653" "6188979" "6345248" "6243673" "6115687" "6262943" "5778334" "5307460" "5657419" "5799271" "6003004" "6003001" "6104994" "6205423" "6330531" "6377923" "6397176" "6397178" "6449590" "5802109" "4850022" "5913187" "6052659" "4301329" "4477925" "4593398" "5648989" "4540468" "4544919" "4561102" "4811398" "5206884" "5550859" "5621852" "5699483" "5742733" "5774856" "5797119" "5812966" "5909515" "5911012" "5999899" "6009387" "6028541" "6041302" "6043763" "6094628" "6118392").pn. ) ((US-5704003-\$).did. or (EP-764940-\$ or US-6330533-\$).did.)) and (@ad @pd @prad)<=20010629) and (linear adj prediction with residual) same (irregular\$4 same spac\$4 same dominant same peak\$4)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/27 07:38
-	1	( (linear adj prediction with residual) or lp\$4) same (irregular\$4 same spac\$4 same dominant same peak\$4)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/27 07:39
-	48	(((((("6014622" "5781880" "6113653" "6188979" "6345248" "6243673" "6115687" "6262943" "5778334" "5307460" "5657419" "5799271" "6003004" "6003001" "6104994" "6205423" "6330531" "6377923" "6397176" "6397178" "6449590" "5802109" "4850022" "5913187" "6052659" "4301329" "4477925" "4593398" "5648989" "4540468" "4544919" "4561102" "4811398" "5206884" "5550859" "5621852" "5699483" "5742733" "5774856" "5797119" "5812966" "5909515" "5911012" "5999899" "6009387" "6028541" "6041302" "6043763" "6094628" "6118392").pn. ) ((US-5704003-\$).did. or (EP-764940-\$ or US-6330533-\$).did.)) and (@ad @pd @prad)<=20010629) and (linear adj prediction with residual) or lp\$4)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/27 07:39
-	178523	(linear adj prediction with residual) or lp\$4) spac\$4 same (peak\$4 maxim\$6)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/27 07:39

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-	86684	spac\$4 with (peak\$4 maxim\$6)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/27 07:39
-	190	( spac\$4 with (peak\$4 maxim\$6)) and 704/.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/27 07:39
-	72	(((((("6014622" "5781880" "6113653" "6188979" "6345248" "6243673" "6115687" "6262943" "5778334" "5307460" "5657419" "5799271" "6003004" "6003001" "6104994" "6205423" "6330531" "6377923" "6397176" "6397178" "6449590" "5802109" "4850022" "5913187" "6052659" "4301329" "4477925" "4593398" "5648989" "4540468" "4544919" "4561102" "4811398" "5206884" "5550859" "5621852" "5699483" "5742733" "5774856" "5797119" "5812966" "5909515" "5911012" "5999899" "6009387" "6028541" "6041302" "6043763" "6094628" "6118392").pn. ) ((US-5704003-\$).did. or (EP-764940-\$ or US-6330533-\$).did.)) and (@ad @pd @prad)<=20010629) and (LP\$4 or CELP or RCELP or linear adj predict\$4)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/27 07:39
-	11	(((((("6014622" "5781880" "6113653" "6188979" "6345248" "6243673" "6115687" "6262943" "5778334" "5307460" "5657419" "5799271" "6003004" "6003001" "6104994" "6205423" "6330531" "6377923" "6397176" "6397178" "6449590" "5802109" "4850022" "5913187" "6052659" "4301329" "4477925" "4593398" "5648989" "4540468" "4544919" "4561102" "4811398" "5206884" "5550859" "5621852" "5699483" "5742733" "5774856" "5797119" "5812966" "5909515" "5911012" "5999899" "6009387" "6028541" "6041302" "6043763" "6094628" "6118392").pn. ) ((US-5704003-\$).did. or (EP-764940-\$ or US-6330533-\$).did.)) and (@ad @pd @prad)<=20010629) and (LP\$4 or CELP or RCELP or linear adj predict\$4) and (inver\$6 with synthe\$6 with filter\$4)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/29 09:44
-	9	(((((("6014622" "5781880" "6113653" "6188979" "6345248" "6243673" "6115687" "6262943" "5778334" "5307460" "5657419" "5799271" "6003004" "6003001" "6104994" "6205423" "6330531" "6377923" "6397176" "6397178" "6449590" "5802109" "4850022" "5913187" "6052659" "4301329" "4477925" "4593398" "5648989" "4540468" "4544919" "4561102" "4811398" "5206884" "5550859" "5621852" "5699483" "5742733" "5774856" "5797119" "5812966" "5909515" "5911012" "5999899" "6009387" "6028541" "6041302" "6043763" "6094628" "6118392").pn. ) ((US-5704003-\$).did. or (EP-764940-\$ or US-6330533-\$).did.)) and (@ad @pd @prad)<=20010629) and (LP\$4 or CELP or RCELP or linear adj predict\$4) and (inver\$6 with synthe\$6 with filter\$4) same residual	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/27 07:40
-	0	(((((("6014622" "5781880" "6113653" "6188979" "6345248" "6243673" "6115687" "6262943" "5778334" "5307460" "5657419" "5799271" "6003004" "6003001" "6104994" "6205423" "6330531" "6377923" "6397176" "6397178" "6449590" "5802109" "4850022" "5913187" "6052659" "4301329" "4477925" "4593398" "5648989" "4540468" "4544919" "4561102" "4811398" "5206884" "5550859" "5621852" "5699483" "5742733" "5774856" "5797119" "5812966" "5909515" "5911012" "5999899" "6009387" "6028541" "6041302" "6043763" "6094628" "6118392").pn. ) ((US-5704003-\$).did. or (EP-764940-\$ or US-6330533-\$).did.)) and (@ad @pd @prad)<=20010629) and (LP\$4 or CELP or RCELP or linear adj predict\$4) and (inver\$6 with synthe\$6 with filter\$4) same residual) and (regular with array) same (maxim\$4 peak domina\$4)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/27 07:40

0	(((((("6014622" "5781880" "6113653" "6188979" "6345248" "6243673" "6115687" "6262943" "5778334" "5307460" "5657419" "5799271" "6003004" "6003001" "6104994" "6205423" "6330531" "6377923" "6397176" "6397178" "6449590" "5802109" "4850022" "5913187" "6052659" "4301329" "4477925" "4593398" "5648989" "4540468" "4544919" "4561102" "4811398" "5206884" "5550859" "5621852" "5699483" "5742733" "5774856" "5797119" "5812966" "5909515" "5911012" "5999899" "6009387" "6028541" "6041302" "6043763" "6094628" "6118392").pn. ) ((US-5704003-\$).did. or (EP-764940-\$ or US-6330533-\$).did.)) and (@ad @pd @prad)<=20010629) and (LP\$4 or CELP or RCELP or linear adj predict\$4)) and (inver\$6 with synthe\$6 with filter\$4) same residual) and (array) same (maxim\$4 peak domina\$4)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/27 07:40
0	(((((("6014622" "5781880" "6113653" "6188979" "6345248" "6243673" "6115687" "6262943" "5778334" "5307460" "5657419" "5799271" "6003004" "6003001" "6104994" "6205423" "6330531" "6377923" "6397176" "6397178" "6449590" "5802109" "4850022" "5913187" "6052659" "4301329" "4477925" "4593398" "5648989" "4540468" "4544919" "4561102" "4811398" "5206884" "5550859" "5621852" "5699483" "5742733" "5774856" "5797119" "5812966" "5909515" "5911012" "5999899" "6009387" "6028541" "6041302" "6043763" "6094628" "6118392").pn. ) ((US-5704003-\$).did. or (EP-764940-\$ or US-6330533-\$).did.)) and (@ad @pd @prad)<=20010629) and (LP\$4 or CELP or RCELP or linear adj predict\$4)) and (inver\$6 with synthe\$6 with filter\$4) same residual) and (regular with (list\$4 array\$4 mat\$4 group\$4 collect\$4 select\$4 assort\$4)) same (maxim\$4 peak domina\$4)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/27 07:40
0	(((((("6014622" "5781880" "6113653" "6188979" "6345248" "6243673" "6115687" "6262943" "5778334" "5307460" "5657419" "5799271" "6003004" "6003001" "6104994" "6205423" "6330531" "6377923" "6397176" "6397178" "6449590" "5802109" "4850022" "5913187" "6052659" "4301329" "4477925" "4593398" "5648989" "4540468" "4544919" "4561102" "4811398" "5206884" "5550859" "5621852" "5699483" "5742733" "5774856" "5797119" "5812966" "5909515" "5911012" "5999899" "6009387" "6028541" "6041302" "6043763" "6094628" "6118392").pn. ) ((US-5704003-\$).did. or (EP-764940-\$ or US-6330533-\$).did.)) and (@ad @pd @prad)<=20010629) and inverse adj3 synthesis adj3 filter	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/27 07:41
46	inverse adj3 synthesis adj3 filter	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/27 07:41
64	time adj warp and 704/.ccls. and (@ad @pd @prad)<=20010629	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/27 07:41
364	time adj warp\$4 and 704/.ccls. and (@ad @pd @prad)<=20010629	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/27 07:41
99	("6014622" "5781880" "6113653" "6188979" "6345248" "6243673" "6115687" "6262943" "5778334" "5307460" "5657419" "5799271" "6003004" "6003001" "6104994" "6205423" "6330531" "6377923" "6397176" "6397178" "6449590" "5802109" "4850022" "5913187" "6052659" "4301329" "4477925" "4593398" "5648989" "4540468" "4544919" "4561102" "4811398" "5206884" "5550859" "5621852" "5699483" "5742733" "5774856" "5797119" "5812966" "5909515" "5911012" "5999899" "6009387" "6028541" "6041302" "6043763" "6094628" "6118392").pn.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/27 07:41

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3	(US-5704003-\$).did. or (EP-764940-\$ or US-6330533-\$).did.	USPAT; DERWENT	2004/03/27 07:41
1	09/896,272	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/27 07:41
1	(((((("6014622" "5781880" "6113653" "6188979" "6345248" "6243673" "6115687" "6262943" "5778334" "5307460" "5657419" "5799271" "6003004" "6003001" "6104994" "6205423" "6330531" "6377923" "6397176" "6397178" "6449590" "5802109" "4850022" "5913187" "6052659" "4301329" "4477925" "4593398" "5648989" "4540468" "4544919" "4561102" "4811398" "5206884" "5550859" "5621852" "5699483" "5742733" "5774856" "5797119" "5812966" "5909515" "5911012" "5999899" "6009387" "6028541" "6041302" "6043763" "6094628" "6118392").pn. ) ((US-5704003-\$).did. or (EP-764940-\$ or US-6330533-\$).did.)) and (@ad @pd @prad)<=20010629) and (irregular\$4)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/27 07:41
1	(linear adj prediction with residual) same (irregular\$4 same spac\$4 same dominant same peak\$4)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/27 07:41
3	(((((("6014622" "5781880" "6113653" "6188979" "6345248" "6243673" "6115687" "6262943" "5778334" "5307460" "5657419" "5799271" "6003004" "6003001" "6104994" "6205423" "6330531" "6377923" "6397176" "6397178" "6449590" "5802109" "4850022" "5913187" "6052659" "4301329" "4477925" "4593398" "5648989" "4540468" "4544919" "4561102" "4811398" "5206884" "5550859" "5621852" "5699483" "5742733" "5774856" "5797119" "5812966" "5909515" "5911012" "5999899" "6009387" "6028541" "6041302" "6043763" "6094628" "6118392").pn. ) ((US-5704003-\$).did. or (EP-764940-\$ or US-6330533-\$).did.)) and (@ad @pd @prad)<=20010629) and (linear adj prediction with residual) or lp\$4) same (irregular or regular)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/27 07:41
5	(((((("6014622" "5781880" "6113653" "6188979" "6345248" "6243673" "6115687" "6262943" "5778334" "5307460" "5657419" "5799271" "6003004" "6003001" "6104994" "6205423" "6330531" "6377923" "6397176" "6397178" "6449590" "5802109" "4850022" "5913187" "6052659" "4301329" "4477925" "4593398" "5648989" "4540468" "4544919" "4561102" "4811398" "5206884" "5550859" "5621852" "5699483" "5742733" "5774856" "5797119" "5812966" "5909515" "5911012" "5999899" "6009387" "6028541" "6041302" "6043763" "6094628" "6118392").pn. ) ((US-5704003-\$).did. or (EP-764940-\$ or US-6330533-\$).did.)) and (@ad @pd @prad)<=20010629) and (linear adj prediction with residual) or lp\$4 celp) same (irregular or regular)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/27 07:41
2	(((((("6014622" "5781880" "6113653" "6188979" "6345248" "6243673" "6115687" "6262943" "5778334" "5307460" "5657419" "5799271" "6003004" "6003001" "6104994" "6205423" "6330531" "6377923" "6397176" "6397178" "6449590" "5802109" "4850022" "5913187" "6052659" "4301329" "4477925" "4593398" "5648989" "4540468" "4544919" "4561102" "4811398" "5206884" "5550859" "5621852" "5699483" "5742733" "5774856" "5797119" "5812966" "5909515" "5911012" "5999899" "6009387" "6028541" "6041302" "6043763" "6094628" "6118392").pn. ) ((US-5704003-\$).did. or (EP-764940-\$ or US-6330533-\$).did.)) and (@ad @pd @prad)<=20010629) and spac\$4 same (peak\$4 maxim\$6)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/27 07:41
11	(( spac\$4 with (peak\$4 maxim\$6) and 704/.ccls.) and irregular\$4	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/27 07:41

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-	7	(( (spac\$4 with (peak\$4 maxim\$6)) and 704/.ccls.) and irregular\$4) and (celp linear lp\$4)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/27 07:41
-	1	(((("6014622" "5781880" "6113653" "6188979" "6345248" "6243673" "6115687" "6262943" "5778334" "5307460" "5657419" "5799271" "6003004" "6003001" "6104994" "6205423" "6330531" "6377923" "6397176" "6397178" "6449590" "5802109" "4850022" "5913187" "6052659" "4301329" "4477925" "4593398" "5648989" "4540468" "4544919" "4561102" "4811398" "5206884" "5550859" "5621852" "5699483" "5742733" "5774856" "5797119" "5812966" "5909515" "5911012" "5999899" "6009387" "6028541" "6041302" "6043763" "6094628" "6118392").pn. ) ((US-5704003-\$).did. or (EP-764940-\$ or US-6330533-\$).did.)) and (@ad @pd @prad)<=20010629) and (LP\$4 or CELP or RCELP or linear adj predict\$4)) and (inver\$6 with synthe\$6 with filter\$4) same residual) and time with warp\$4	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/27 07:41
-	1	(((("6014622" "5781880" "6113653" "6188979" "6345248" "6243673" "6115687" "6262943" "5778334" "5307460" "5657419" "5799271" "6003004" "6003001" "6104994" "6205423" "6330531" "6377923" "6397176" "6397178" "6449590" "5802109" "4850022" "5913187" "6052659" "4301329" "4477925" "4593398" "5648989" "4540468" "4544919" "4561102" "4811398" "5206884" "5550859" "5621852" "5699483" "5742733" "5774856" "5797119" "5812966" "5909515" "5911012" "5999899" "6009387" "6028541" "6041302" "6043763" "6094628" "6118392").pn. ) ((US-5704003-\$).did. or (EP-764940-\$ or US-6330533-\$).did.)) and (@ad @pd @prad)<=20010629) and (LP\$4 or CELP or RCELP or linear adj predict\$4)) and (inver\$6 with synthe\$6 with filter\$4) same residual) and continu\$6 with linea\$4 with warp\$4	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/27 07:41
-	6	(((("6014622" "5781880" "6113653" "6188979" "6345248" "6243673" "6115687" "6262943" "5778334" "5307460" "5657419" "5799271" "6003004" "6003001" "6104994" "6205423" "6330531" "6377923" "6397176" "6397178" "6449590" "5802109" "4850022" "5913187" "6052659" "4301329" "4477925" "4593398" "5648989" "4540468" "4544919" "4561102" "4811398" "5206884" "5550859" "5621852" "5699483" "5742733" "5774856" "5797119" "5812966" "5909515" "5911012" "5999899" "6009387" "6028541" "6041302" "6043763" "6094628" "6118392").pn. ) ((US-5704003-\$).did. or (EP-764940-\$ or US-6330533-\$).did.)) and (@ad @pd @prad)<=20010629) and (LP\$4 or CELP or RCELP or linear adj predict\$4)) and (inver\$6 with synthe\$6 with filter\$4) same residual) and (maxim\$4 peak domina\$4)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/27 07:41
-	2	(((("6014622" "5781880" "6113653" "6188979" "6345248" "6243673" "6115687" "6262943" "5778334" "5307460" "5657419" "5799271" "6003004" "6003001" "6104994" "6205423" "6330531" "6377923" "6397176" "6397178" "6449590" "5802109" "4850022" "5913187" "6052659" "4301329" "4477925" "4593398" "5648989" "4540468" "4544919" "4561102" "4811398" "5206884" "5550859" "5621852" "5699483" "5742733" "5774856" "5797119" "5812966" "5909515" "5911012" "5999899" "6009387" "6028541" "6041302" "6043763" "6094628" "6118392").pn. ) ((US-5704003-\$).did. or (EP-764940-\$ or US-6330533-\$).did.)) and (@ad @pd @prad)<=20010629) and (LP\$4 or CELP or RCELP or linear adj predict\$4)) and (inver\$6 with synthe\$6 with filter\$4) same residual) and ( (list\$4 array\$4 matri\$4 group\$4 collect\$4 select\$4 assort\$4) same (maxim\$4 peak domina\$4)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/27 07:41
-	2	(((("6014622" "5781880" "6113653" "6188979" "6345248" "6243673" "6115687" "6262943" "5778334" "5307460" "5657419" "5799271" "6003004" "6003001" "6104994" "6205423" "6330531" "6377923" "6397176" "6397178" "6449590" "5802109" "4850022" "5913187" "6052659" "4301329" "4477925" "4593398" "5648989" "4540468" "4544919" "4561102" "4811398" "5206884" "5550859" "5621852" "5699483" "5742733" "5774856" "5797119" "5812966" "5909515" "5911012" "5999899" "6009387" "6028541" "6041302" "6043763" "6094628" "6118392").pn. ) ((US-5704003-\$).did. or (EP-764940-\$ or US-6330533-\$).did.)) and (@ad @pd @prad)<=20010629) and inverse adj3 synthesis with filter	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/27 07:41

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-	31	(( inverse adj3 synthesis adj3 filter) and 704/.ccls. and (@ad @pd @prad)<=20010629	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/27 07:41
-	15	(time adj warp\$4 and 704/.ccls. and (@ad @pd @prad)<=20010629) and residual with modif\$8	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/27 07:41
-	22	(( inverse adj3 synthesis adj3 filter) and 704/.ccls. and (@ad @pd @prad)<=20010629) and residual	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/27 07:41
-	5	(((time adj warp\$4 and 704/.ccls. and (@ad @pd @prad)<=20010629) and residual with modif\$8) ((( inverse adj3 synthesis adj3 filter) and 704/.ccls. and (@ad @pd @prad)<=20010629) and residual)) and (linear with extract\$4)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/27 07:41
-	13	(((time adj warp\$4 and 704/.ccls. and (@ad @pd @prad)<=20010629) and residual with modif\$8) ((( inverse adj3 synthesis adj3 filter) and 704/.ccls. and (@ad @pd @prad)<=20010629) and residual)) and ((linea\$4 LP\$4 celp rcelp) with extract\$4)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/27 07:41
-	4	((US-6449590-\$ or US-6262943-\$ or US-6113653-\$ or US-5781880-\$ or US-5648989-\$ or US-5704003-\$ or US-6363338-\$ or US-4382160-\$ or US-3916105-\$ or US-5822360-\$ or US-RE35057-\$ or US-5140638-\$ or US-4991214-\$ or US-4932061-\$).did. or (US-6330533-\$ or EP-764940-\$).did.) and (inverse with synthesis with filter) same (linear coefficient) same residual	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/27 07:51
-	3	((US-6449590-\$ or US-6262943-\$ or US-6113653-\$ or US-5781880-\$ or US-5648989-\$ or US-5704003-\$ or US-6363338-\$ or US-4382160-\$ or US-3916105-\$ or US-5822360-\$ or US-RE35057-\$ or US-5140638-\$ or US-4991214-\$ or US-4932061-\$).did. or (US-6330533-\$ or EP-764940-\$).did.) and (inverse with synthesis with filter) with (linear coefficient) with residual	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/27 07:51
-	16	((US-6449590-\$ or US-6262943-\$ or US-6113653-\$ or US-5781880-\$ or US-5648989-\$ or US-5704003-\$ or US-6363338-\$ or US-4382160-\$ or US-3916105-\$ or US-5822360-\$ or US-RE35057-\$ or US-5140638-\$ or US-4991214-\$ or US-4932061-\$).did. or (US-6330533-\$ or EP-764940-\$).did.)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/28 14:40
-	4	((US-6449590-\$ or US-6262943-\$ or US-6113653-\$ or US-5781880-\$ or US-5648989-\$ or US-5704003-\$ or US-6363338-\$ or US-4382160-\$ or US-3916105-\$ or US-5822360-\$ or US-RE35057-\$ or US-5140638-\$ or US-4991214-\$ or US-4932061-\$).did. or (US-6330533-\$ or EP-764940-\$).did.) and residual with (peak high maxima maximum)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/28 15:21
-	1	((US-6449590-\$ or US-6262943-\$ or US-6113653-\$ or US-5781880-\$ or US-5648989-\$ or US-5704003-\$ or US-6363338-\$ or US-4382160-\$ or US-3916105-\$ or US-5822360-\$ or US-RE35057-\$ or US-5140638-\$ or US-4991214-\$ or US-4932061-\$).did. or (US-6330533-\$ or EP-764940-\$).did.) and residual with (segment\$4 separat\$4 divid\$4 pars\$4) with (peak maxima maximum highest high)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/28 15:23

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-	2	((("6014622" "5781880" "6113653" "6188979" "6345248" "6243673" "6115687" "6262943" "5778334" "5307460" "5657419" "5799271" "6003004" "6003001" "6104994" "6205423" "6330531" "6377923" "6397176" "6397178" "6449590" "5802109" "4850022" "5913187" "6052659" "4301329" "4477925" "4593398" "5648989" "4540468" "4544919" "4561102" "4811398" "5206884" "5550859" "5621852" "5699483" "5742733" "5774856" "5797119" "5812966" "5909515" "5911012" "5999899" "6009387" "6028541" "6041302" "6043763" "6094628" "6118392").pn. ) ((US-5704003-\$).did. or (EP-764940-\$ or US-6330533-\$).did.)) and (@ad @pd @prad)<=20010629) and residual with (segment\$4 separat\$4 divid\$4 pars\$4) with (peak maxima maximum highest high) 704/.ccls. and residual with (segment\$4 separat\$4 divid\$4 pars\$4) with (peak maxima maximum highest high)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/28 16:00
-	31	704/.ccls. and residual with (segment\$4 separat\$4 divid\$4 pars\$4) with (peak maxima maximum highest high)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/28 15:39
-	31	(704/.ccls. and residual with (segment\$4 separat\$4 divid\$4 pars\$4) with (peak maxima maximum highest high)) and (segment\$4 separat\$4 divid\$4 pars\$4) with (peak maxima maximum highest high)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/28 15:57
-	21	(704/.ccls. and residual with (segment\$4 separat\$4 divid\$4 pars\$4) with (peak maxima maximum highest high)) not overlap	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/28 15:50
-	2	((704/.ccls. and residual with (segment\$4 separat\$4 divid\$4 pars\$4) with (peak maxima maximum highest high)) and (non-overlap\$4 nonoverlap\$4 non adj overlap\$4)) and ((704/.ccls. and residual with (segment\$4 separat\$4 divid\$4 pars\$4) with (peak maxima maximum highest high)) not overlap)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/28 15:51
-	0	((704/.ccls. and residual with (segment\$4 separat\$4 divid\$4 pars\$4) with (peak maxima maximum highest high)) not overlap) and overlap	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/28 15:51
-	2	((704/.ccls. and residual with (segment\$4 separat\$4 divid\$4 pars\$4) with (peak maxima maximum highest high)) and (non-overlap\$4 nonoverlap\$4 non adj overlap\$4)) and overlap	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/28 15:51
-	4	(704/.ccls. and residual with (segment\$4 separat\$4 divid\$4 pars\$4) with (peak maxima maximum highest high)) and (non-overlap\$4 nonoverlap\$4 non adj overlap\$4)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/28 15:51

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-	5	((("6014622" "5781880" "6113653" "6188979" "6345248" "6243673" "6115687" "6262943" "5778334" "5307460" "5657419" "5799271" "6003004" "6003001" "6104994" "6205423" "6330531" "6377923" "6397176" "6397178" "6449590" "5802109" "4850022" "5913187" "6052659" "4301329" "4477925" "4593398" "5648989" "4540468" "4544919" "4561102" "4811398" "5206884" "5550859" "5621852" "5699483" "5742733" "5774856" "5797119" "5812966" "5909515" "5911012" "5999899" "6009387" "6028541" "6041302" "6043763" "6094628" "6118392").pn. ) ((US-5704003-\$).did. or (EP-764940-\$ or US-6330533-\$).did.)) and (@ad @pd @prad)<=20010629) and ideal\$4 with signal	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/28 15:57
-	10	((("6014622" "5781880" "6113653" "6188979" "6345248" "6243673" "6115687" "6262943" "5778334" "5307460" "5657419" "5799271" "6003004" "6003001" "6104994" "6205423" "6330531" "6377923" "6397176" "6397178" "6449590" "5802109" "4850022" "5913187" "6052659" "4301329" "4477925" "4593398" "5648989" "4540468" "4544919" "4561102" "4811398" "5206884" "5550859" "5621852" "5699483" "5742733" "5774856" "5797119" "5812966" "5909515" "5911012" "5999899" "6009387" "6028541" "6041302" "6043763" "6094628" "6118392").pn. ) ((US-5704003-\$).did. or (EP-764940-\$ or US-6330533-\$).did.)) and (@ad @pd @prad)<=20010629) and residual same (segment\$4 separat\$4 divid\$4 pars\$4) same (peak amplitude maxima maximum highest high)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/28 16:03
-	1	((("6014622" "5781880" "6113653" "6188979" "6345248" "6243673" "6115687" "6262943" "5778334" "5307460" "5657419" "5799271" "6003004" "6003001" "6104994" "6205423" "6330531" "6377923" "6397176" "6397178" "6449590" "5802109" "4850022" "5913187" "6052659" "4301329" "4477925" "4593398" "5648989" "4540468" "4544919" "4561102" "4811398" "5206884" "5550859" "5621852" "5699483" "5742733" "5774856" "5797119" "5812966" "5909515" "5911012" "5999899" "6009387" "6028541" "6041302" "6043763" "6094628" "6118392").pn. ) ((US-5704003-\$).did. or (EP-764940-\$ or US-6330533-\$).did.)) and (@ad @pd @prad)<=20010629) and residual same (segment\$4 separat\$4 divid\$4 pars\$4) same (peak amplitude maxima maximum highest high) with (one single)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/29 08:01
-	36	704/.ccls. and residual same (segment\$4 separat\$4 divid\$4 pars\$4) same (peak amplitude maxima maximum highest high) with (one single)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/28 16:04
-	34	(704/.ccls. and residual same (segment\$4 separat\$4 divid\$4 pars\$4) same (peak amplitude maxima maximum highest high) with (one single)) and (@ad @pd @prad)<=20010629	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/28 16:04
-	34	704/.ccls. and residual same (segment\$4 separat\$4 divid\$4 pars\$4) same ((peak amplitude maxima maximum highest high) with (one single)) and (@ad @pd @prad)<=20010629	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/28 16:05

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